Emre Karagozoglu

Senior Software Engineer, Distributed Systems

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SUMMARY

Senior Software Engineer with 9 years in large-scale distributed streaming systems. I build and run systems end to end, from architecture to production, across AWS, Azure, and GCP. Experience in Flink, Kafka, and Debezium; working in Java, Python, Go, and Scala.

EXPERIENCE

2026 – Present

Founder · Visuall.ai

- Solo-built AI video studio: describe a film or an ad, and the agent wires the image and video models on an editable canvas. FastAPI, Nuxt 3, Postgres, AWS, Terraform.

Apr 2025 – Present · Paris

Senior Software Engineer · Gorgias

- Manage the infrastructure and streaming layer (Debezium, Apache Flink, Confluent Cloud Kafka) across multiple Kafka and Kubernetes clusters on GCP. Reduced infrastructure costs by 60% through cluster-usage optimization, topic-retention tuning, and partitioning.
- Serve as the bridge between the core Platform/Infra team and product and ML engineering for deploying and managing streaming workloads at scale.
- Operate the full CI/CD lifecycle for streaming services, from code to production, including access management, deployment automation, and release processes.

2020 – 2025 · Paris

Senior Data Engineer / Tech Lead · Contentsquare

- Built scalable streaming and batch data pipelines using microservices in Go and Scala.
- Operated Kafka, Flink, Aerospike, and ClickHouse on Kubernetes across AWS and Azure.

2019 – 2020 · Paris

Data Engineer · Ekimetrics

- Scaled business-specific data processing algorithms using Spark and Python on Azure.

2018 – 2019 · Paris

Data Engineer · JCDecaux

- Enriched real-time advertisement metrics by joining multiple Kafka topics using Kafka Streams and Spark Streaming in Java.

2017 – 2018 · Paris

Data Engineer · Louis Vuitton

- Industrialized data-integrity controls with Python and Spark, speeding up overall data-quality checks and bringing consistency to client and sales data analysis.

EDUCATION

ECE Paris · Diplôme d'ingénieur (Majeure Objets Connectés, Réseaux et Services) 2015 – 2017

Bilkent University · B.S. Electrical and Electronics Engineering 2010 – 2015

LANGUAGES

English (native/bilingual) · French (native/bilingual) · Turkish (native/bilingual)